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NEW DELHI, THURSDAY, JUNE 20, 1968/JYAISTHA 30, 1890

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह भ्रलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed
as a separate compilation.

MINISTRY OF COMMERCE

NOTIFICATIONS

New Delhi, the 20th June 1968

S.O. 2230.—Whereas the Central Government is of opinion that in exercise of the powers conferred by section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) Pig Iron should be subject to inspection prior to export;

And whereas the Central Government has formulated the proposals specified below in supersession of the proposals published in the notification of the Government of India in the Ministry of Commerce No. S.O. 426 dated the 3rd February, 1967 for the said purpose and has forwarded the same to the Export Inspection Council as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964;

Now, therefore, In pursuance of the said sub-rule the Central Government publishes the said proposals for the information of the public likely to be affected thereby.

2. Notice is hereby given that any person desiring to forward any objection or suggestion with respect to the said proposals may forward the same within thirty days of the date of publication of this notification to the Export Inspection Council, "World Trade Centre", 14/1-B, Ezra Street (7th floor), Calcutta-1.

Proposals

- (1) To notify that pig iron meant for export shall be subject to quality control and inspection;

- (2) To specify the type of quality control and inspection in accordance with the draft "Export of Pig Iron (Quality Control and Inspection) Rules, 1968" set out in Annexure II to this notification as the type of quality control and inspection which would be applied to such pig iron;
- (3) To recognise—
 (a) the specifications of the export contract as agreed between the buyer and the seller, and
 (b) the Indian Standards specification issued by the Indian Standards Institution mentioned in Annexure I to this notification as the standard specifications for pig iron;
- (4) To prohibit the export, in the course of international trade of pig iron unless the same is either accompanied by a certificate issued by any of the Export Inspection Agencies established under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1966), to the effect that the pig iron is export-worthy or affixed with a seal or mark recognised by the Central Government under section 8 of the said Act.

2. Nothing in this notification shall apply to the export by land, sea or air of samples of pig iron to prospective buyers.

3. Definition.—In this notification pig iron shall mean the crude iron produced in the blast furnace and cast into pigs, which are used for making steel, cast-iron or wrought iron.

ANNEXURE I

[Clause (b) of sub-para (3) of para 2].

Sl. No.	Commodity	*Relevant specification issued by the Indian Standards Institution
(1)	(2)	(3)
(i)	Pig Iron (Charcoal)	IS : 225—1957
(ii)	Foundry Pig Iron (Coke) for general purposes	IS : 224—1965;
(iii)	Pig Iron (Coke) for special purposes	IS : 2841—1964
(iv)	Basic Pig Iron (Coke) for steel making purposes	IS : 2842—1964

NOTE:—If in respect of any commodity specified in column (2) there are any later revisions to the relevant specifications by the Indian Standards Institution, the specifications applicable to such commodity shall be the latest of such versions and not specifications mentioned in column (3).

ANNEXURE II

Draft rules proposed to be made under section 17 of the Export (Quality Control and Inspection) Act, 1963

1. Short title and commencement (1).—These rules may be called the export of Pig Iron (Quality Control and Inspection) Rules, 1968.

(2) They shall come into force on

2. Definition.—In these rules, unless the context otherwise requires—

(a) 'Agency' means any one of the Export Inspection Agencies established at Cochin, Madras, Calcutta, Bombay and Delhi under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).

(b) 'Pig Iron' shall mean the crude iron produced in blast furnace and cast iron pigs, which are used for making steel, cast-iron or wrought iron.

3. Quality Control and Inspection.—(1) The quality of pig iron shall be ensured by exercising the following controls at different stages of their manufacture, storage and despatch together with the levels of control as given in the schedule hereto annexed namely:—

(i) *Bought out materials control*

- (a) Purchase specifications shall be laid down by the manufacturer incorporating the properties and composition of materials to be used.
- (b) The consignments shall be either, accompanied by a supplier's test or inspection certificate corroborating the requirements of the purchase specification in which case occasional checks shall be conducted by the purchaser for a particular supplier to verify the correctness of the aforesaid test or inspection certificates, or the purchased materials shall be regularly inspected and tested.
- (c) The sampling for inspection or test to be carried out shall be based on a recorded investigation or established sampling methods.
- (d) After the inspection or test is carried out, the result shall be systematically conveyed to the process control department for an effective control of the process.
- (e) Records in respect of the controls exercised shall be regularly and systematically maintained.

(ii) *Product Control*

- (a) The manufacturer shall have adequate testing facilities to test the product for different processes of manufacture.
- (b) Equipment, instrumentation and facilities shall be adequate to control the processes as laid down in the process specifications.
- (c) Adequate records shall be maintained to enable the verification of the controls exercised during the process of manufacture.

(iii) *Product Control*

- (a) The manufacturer shall have adequate testing facilities to test the product as per the specifications recognised under section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).
- (b) Sampling for testing shall be based on a recorded investigation subject to the minimum given in the schedule.
- (c) Adequate records in respect of tests carried out shall be regularly and systematically maintained.

(iv) *Storage Control*

- (a) The pig iron shall be properly and systematically stacked gradewise on the basis of the analysis. Each stack shall be suitably marked the grade for identification.
- (b) Adequate arrangements shall be made so as to avoid any possibility of mixing up of different grades during stacking.
- (c) Systematic records shall be maintained to enable on the spot verification of the stacked material. The record shall *inter-alia* indicate the identification mark allotted to different grades of pig iron and the location of the various stacks with their grade numbers.

(v) *Despatch Control*

- (a) Adequate control shall be made to ensure the loading of the correct grade of pig iron from stacks or heaps by the loading crew.
- (b) Systematic records for despatch shall be maintained indicating amongst other details the stack from which pig iron has been despatched and its grade number for verification with storage register.

(2) **Inspection**—The inspection of pig iron intended for export shall be carried out with a view to seeing that the aforesaid controls have been exercised at the relevant levels satisfactorily and that the pig iron conforms to the standard specifications applicable to it.

4 Procedure of Inspection.—(1) The exporter shall give intimation in writing to any one of the agencies, recognised under section 7 of the Export (Quality

Control and Inspection) Act, 1963 (22 of 1963), and submit along with such information a declaration that the consignment of pig iron has been or is being manufactured by exercising quality control measures as provided under rule 3 and that the consignment conforms to the requirements of the specifications recognised for this purpose.

(2) The exporter shall also furnish to the agency the identification marks, if any, applied on the consignment.

(3) Every intimation and declaration under sub-rule (1) shall reach the agency not less than seven days prior to the despatch of the consignment from the premises of the manufacturer/exporter.

(4) On receipt of the intimation and declaration under sub-rules (1) and (2) the agency:—

(a) in the case of an exporter, who is himself the manufacturer, on satisfying itself that during the process of manufacture, he had exercised adequate quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard, to manufacture the product according to the standard specifications applicable to it, shall within three days, issue a certificate declaring the consignment of pig iron as export-worthy;

(b) in the case of an exporter, who is not himself a manufacturer, on satisfying itself that the necessary quality control as provided under rule 3 and the instructions, if any, issued by the Export Inspection Council in this regard, has been exercised in the manufacture of this consignment shall within three days of carrying out the inspection issue a certificate declaring the consignment of pig iron as export-worthy.

5. Affixation of recognised mark and procedure thereof.—The provisions of the Indian Standards Institution (Certification Marks) Act, 1952 (36 of 1952) the Indian Standards Institution (Certification Marks) Rules, 1955 and the Indian Standards Institution (Certification Marks) Regulations, 1955, shall, so far as may be, apply in relation to the procedure of affixation of the recognised mark or seal on pig iron meant for export denoting its conformity to the standard specifications and pig iron so marked shall not be subjected to any inspection under rule 4 of these rules.

6. Place of Inspection.—Inspection under these rules shall be carried out at the premises of the manufacturer or the premises of the exporter or at the port of shipment.

7. Inspection Fee.—Subject to a minimum of Rs. 50 for each consignment a fee at the rate of 20 paise for every hundred rupees of f.o.b. value of each such consignment shall be paid by the exporter to the Agency as inspection fee under these rules.

8. Appeal.—(1) Any person aggrieved by the refusal of the Agency to issue a certificate under sub-rule (4) of rule 4 may, within ten days of the receipt of the communication of such refusal by him, prefer an appeal to a panel of experts, consisting of not less than three persons, as may be appointed for the purpose by the Central Government.

(2) The quorum for the panel shall be three.

(3) The decision of the said panel on such appeal shall be final.

SCHEDULE

Pig iron for the purpose of grading and conformity to the recognised specification shall be analysed after drawing necessary samples at the following stages;

- (i) While tapping the molten metal from the blast furnace into the ladle,
- (ii) While casting from the ladle into the pig moulds; and

(iii) By drawing samples from the stackyard as per table given below:

TABLE

Weight of the lot in metric tonnes of a particular grade	No. of pigs to be selected
(1)	(2)
Upto 500	5
501 to 1,000	7
1,001 to 3,000	10
3,001 to 10,000	12
10,001 and above	15

Note.—Records of sampling and analysis shall be maintained systematically and properly.

2. The method of sampling pig iron for analysis as mentioned in para 1 above shall be as below:

2.1 Method of sampling molten metal while tapping from blast furnace into the ladle.

2.1.1 During tapping the molten metal from the furnace, samples shall be drawn from the flow and cast into suitable moulds (ingot and a bar, or finger mould). One sample shall be taken from each of the ladles in which the metal from a cast is collected, preferably when the ladle is half full. The test ingots shall be suitably tagged with a mark to indicate its identity.

2.1.2 The surface of the castings (test ingots) shall be thoroughly cleaned and the ingots shall be drilled from a point on the Central longitudinal line of the upper surface to within 6 mm of the bottom. The drilling so obtained from different test ingots (each representing a ladle) shall be mixed and suitably crushed, if necessary to pass through 500 micron IS sieve or its equivalent.

2.1.3. The average sample obtained as above shall be analysed and the grade of pig iron cast from any ladle shall be determined on the basis of the average test result obtained for that ladle.

2.2 Sampling while casting from the ladle into the pig moulds

2.2.1 Samples shall be drawn during the casting of the molten metal into the pig moulds.

2.2.2 Sampling from the stackyard

In any consignment, all the pigs of the same grade shall be grouped together to constitute a lot. The number of pigs to be selected from a lot shall be as given in the Table under para 1 of this schedule. The sample shall be selected at random from different locations throughout the bulk. From each of the pigs selected as above, drillings shall be obtained in the following manner.

The entire surface of the pigs shall be thoroughly cleaned with a strong wire brush prior to drilling to prevent any extraneous matter getting mixed up with the drillings. Two holes shall be drilled in each pig with a suitable drill to a depth of 6 mm without the use of any cutting fluid and the drilling discarded. The

drill shall then be replaced in the holes and the pigs drilled until the drill almost penetrates to a depth of 6 mm from the other side. These drillings shall be collected and approximately the same weight of drillings shall be taken from each pig and mixed together. The mixed drillings shall then be crushed gently in a hardened steel mortar until the whole quantity passes through 600 micron IS sieve or its equivalent. After thorough mixing the bulk of the crushed drillings may be reduced in quantity by coning and quartering till a suitable weight of sample is obtained for analysis.

If any pig is found to be too hard for drilling, the sample may be prepared by annealing before drilling or by breaking sample portions from the pig and crushing it in a hardened steel mortar.

[No. 60(53)Exp.Insp/68.]

S.O. 2231.—In exercise of the powers conferred by section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), and in supersession of the notification of the Government of India in the Ministry of Commerce No. S.O. 428 dated the 3rd February, 1967, the Central Government hereby recognises the following inspection agencies for quality control and pre-shipment inspection of pig Iron meant for export, namely:—

1. Export Inspection Agency, Cochin, Manohar Building, Mahatma Gandhi Road, Ernakulam-1.
2. Export Inspection Agency, Madras, 'Sire Mansion', 123, Mount Road, Madras-6.
3. Export Inspection Agency, Calcutta, World Trade Centre, 14/1-B, Ezra Street (10th floor), Calcutta-1.
4. Export Inspection Agency, Bombay, Mani Mahal, 2nd floor, 11/21, Mathew Road, Behind Opera House Cinema, Bombay-4.
5. Export Inspection Agency, Delhi, 2179, Gurdwara Road, Karol Bagh, New Delhi-5

Explanation.—In this notification 'Pig Iron' shall mean the crude iron produced in the blast furnace and cast into pigs which are used for making steel, cast-iron or wrought iron.

[No. 60(53)Exp Insp/68.]

S.O. 2232.—Whereas the Central Government, in exercise of the powers conferred by section 8 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) proposes to recognise the Indian Standards Institution certification mark with respect to Pig Iron, in supersession of the proposal published in notification of the Government of India in the Ministry of Commerce No. S.O. 427 dated, 3rd February, 1967 for the purpose of denoting that where Pig Iron is affixed with such mark, it shall be deemed to be in conformity with the standard specification applicable thereto under clause (c) of Section 6 of the said Act;

And whereas the Central Government has forwarded the aforesaid proposal to the Export Inspection Council as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964;

Now, therefore, in pursuance of the said sub-rule, the Central Government hereby publishes the said proposal for the information of the public likely to be affected thereby.

2. Notice is hereby given that any person desiring to forward any objection or suggestion with respect to the said proposal may forward the same within thirty

days of the date of publication of this notification to the Export Inspection Council, 'World Trade Centre' 141B, Ezra Cstreet (7th floor), Calcutta-1.

Explanation.—In this notification Pig Iron shall mean the crude iron produced in the blast furnace and cast into pigs, which are used for making steel, cast-iron or wrought iron.

[No. 60(53)Exp.Insp/68.]

A. C. BANERJEE, Jt. Secy.

